

NOTES

X NUMBER REQUIRED

GLASS SPEC:

OUTER : 6mm HST TOUGHENED GLASS

CAVITY : 16mm ARGON FILLED + WARM EDGE SPACER + DC3363 UV

RESISTANT SILICONE EDGE SEAL

INNER : 6mm HST TOUGHENED OR 8.8mm LAMINATED GLASS + GROUND

EDGES + LOW E COATING

RGR HIGHLY RECOMMENDS A CWCT CLASS 1 OR CLASS 2 NON-FRAGILE OPTION FOR MOST ROOFLIGHTS

- LIGHT TRANSMISSION = 78 %
- CENTRE PANE U VALUE = 1.1 W/m².K
- SOLAR G VALUE = 0.63
- ACOUSTIC REDUCTION = 34 (6/6) 39 (6/8.8) Rw dB
- AIR PERMEABILITY = CWCT CLASS A4
- WEATHER RESISTANCE = CWCT CLASS A7
- WIND RESISTANCE = CWCT CLASS E2400
- ROOFLIGHT WEIGHT = APPROX. 46 KG/m²
- AA FIRE-RATED: AA DESIGNATION (NATIONAL CLASS) OR bROOF (T4) EUROPEAN CLASS AND EURO CLASS A1 NON-COMBUSTIBLE

ROOFLIGHT ORDER SIZE = OVERALL FINISHED AND WEATHER KERB DIMS,
INTERNAL OPENING SIZE IS NOT RELEVANT AT ORDER STAGE.

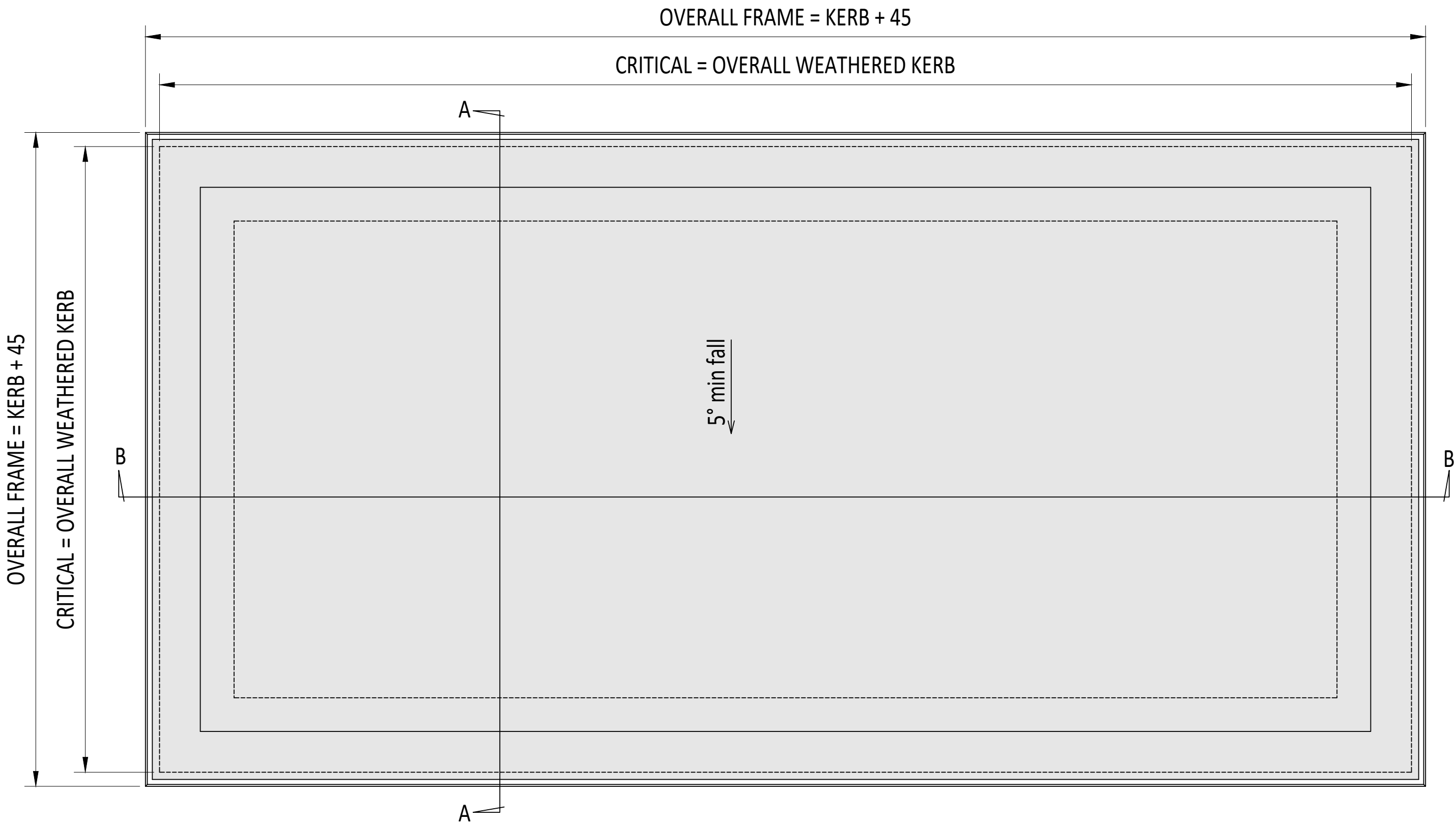
GLASS BONDED TO FRAME WITH GLAZING SECURITY TAPE & SILICONE.

KERB DETAILS SHOWN INDICATIVE, DETAILED DESIGN BY OTHERS TO MEET
CURRENT BUILDING REGS. AN APPROVED DOCUMENT PART L COMPLIANT FULLY
INSULATED TIMBER KERB IS AVAILABLE FROM ROOFLAZE ROOFLIGHTS LTD.

MIN. 5° FALL RECOMMENDED TO HELP SHED WATER. LARGER UNITS MAY
REQUIRE STEEPER PITCHES, CLIENT RESPONSIBLE FOR FINAL DESIGN OF THE FALL.

PRODUCT U-VALUE = AS LOW AS 0.5 W/m².K.

DESIGN LOADS: 750N/m² WIND 640N/m² SNOW AS STANDARD
OTHER LOADS TO BE SPECIFIED BY CLIENT.



EXTERNAL PLAN VIEW
TRUE VIEW ON SLOPE

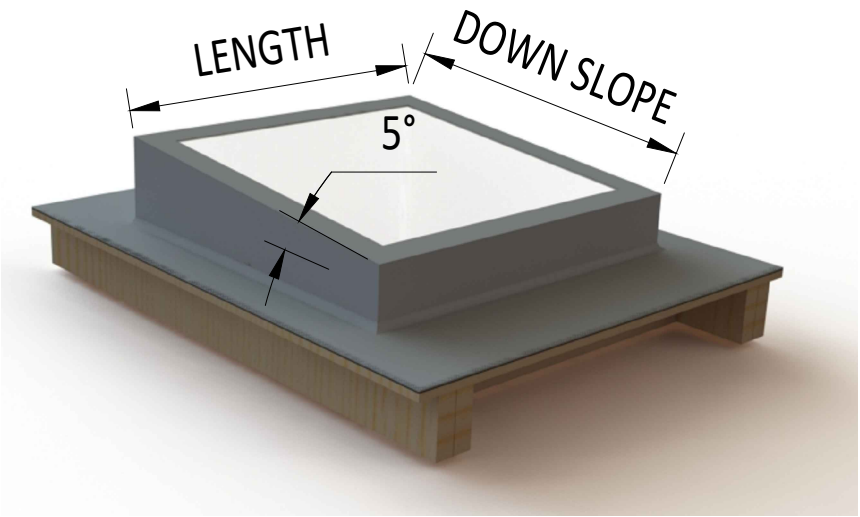
CDM :HAZARD IDENTIFICATION - HANDLING MATERIALS

BE AWARE OF SHARP EDGES AND CORNERS WHEN HANDLING MATERIALS. MOST EDGES AND CORNERS WILL BE DEBURRDED BUT THERE IS STILL A SMALL RISK. WEAR APPROPRIATE PPE REQUIRED FOR THE TASK. THE MHOR 1992 SET OUT A CLEAR RANKING OF MEASURES FOR DEALING WITH RISKS FROM MANUAL HANDLING, THESE ARE:

- FIRST** : AVOID HAZARDOUS MANUAL HANDLING OPERATIONS SO FAR AS IS REASONABLY PRACTICABLE;
- SECOND** : ASSESS ANY HAZARDOUS MANUAL HANDLING OPERATIONS THAT CANNOT BE AVOIDED; AND
- THIRD** : REDUCE THE RISK OF INJURY SO FAR AS IS REASONABLY PRACTICABLE.

HAND PROTECTION (MANDATORY) TO: BS EN 388:1994. ROOFLIGHTS MUST ONLY BE INSTALLED BY COMPETENT CONTRACTORS. UNLESS DESIGNED FOR CWCT CLASS 0 OR CLASS 1, DANGER OF DAMAGING GLASS IF IT IS WALKED UPON. IF GLASS IS CLASSED AS NON-FRAGILE IT SHOULD STILL NOT BE WALKED ON UNLESS DESIGNED SO. USE SPREADER BOARDS. REFER TO RISK ASSESSMENT FOR FURTHER DETAILS.

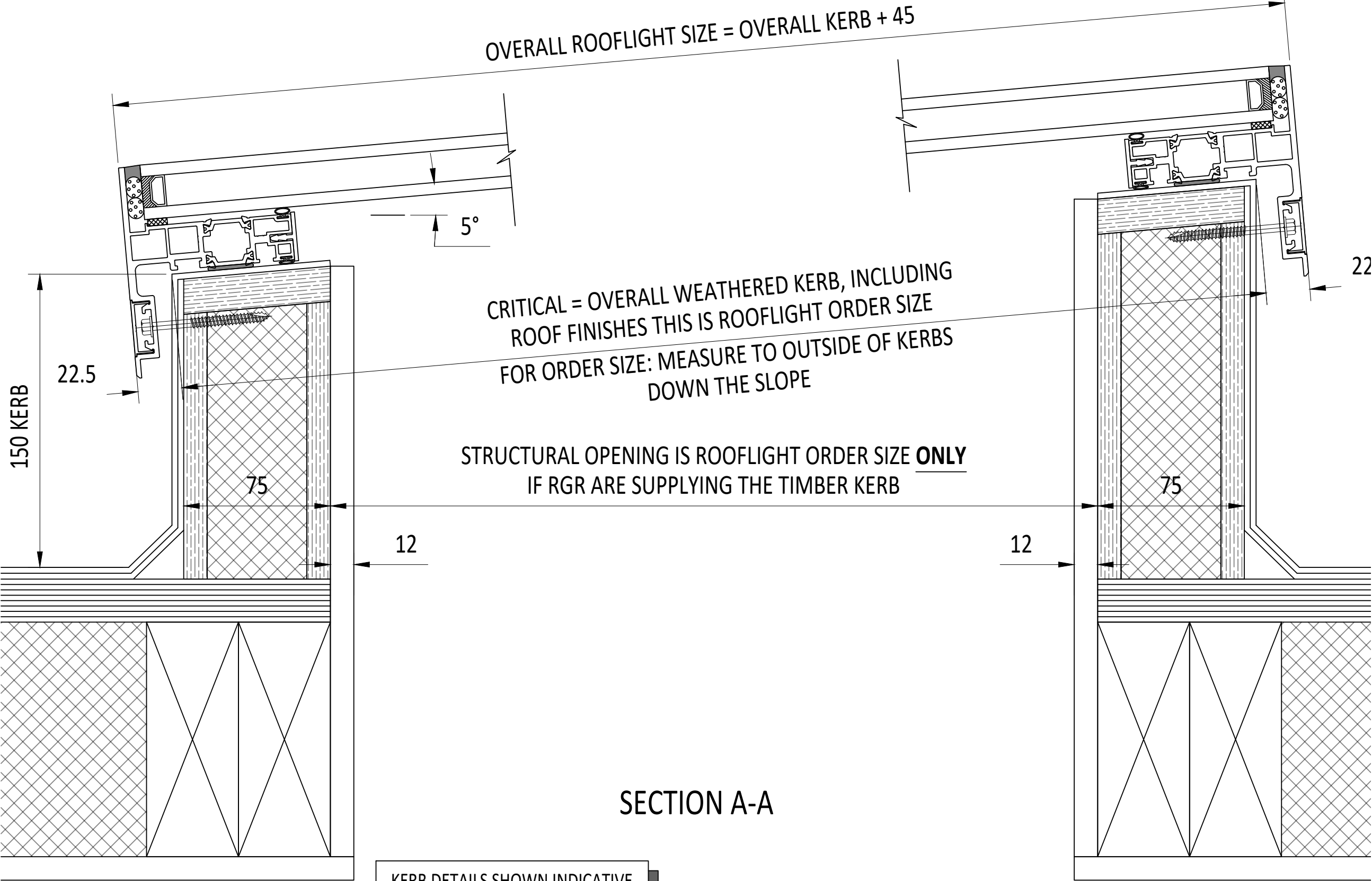
- FALL FROM HEIGHTS DURING INSTALLATION
- MANUAL HANDLING
- FINGER TRAP



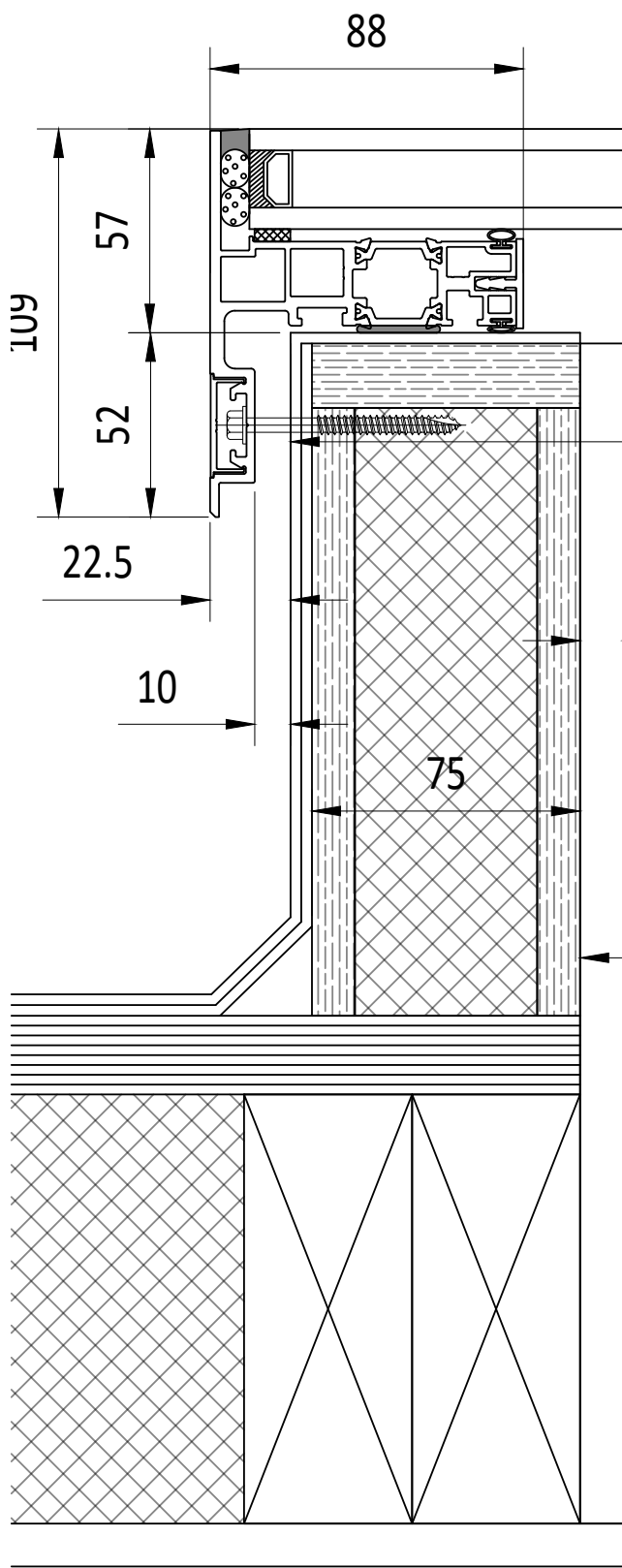
3D EXAMPLE OF KERB



3D RENDER IMAGE OF FRAME



SECTION A-A



SECTION B-B

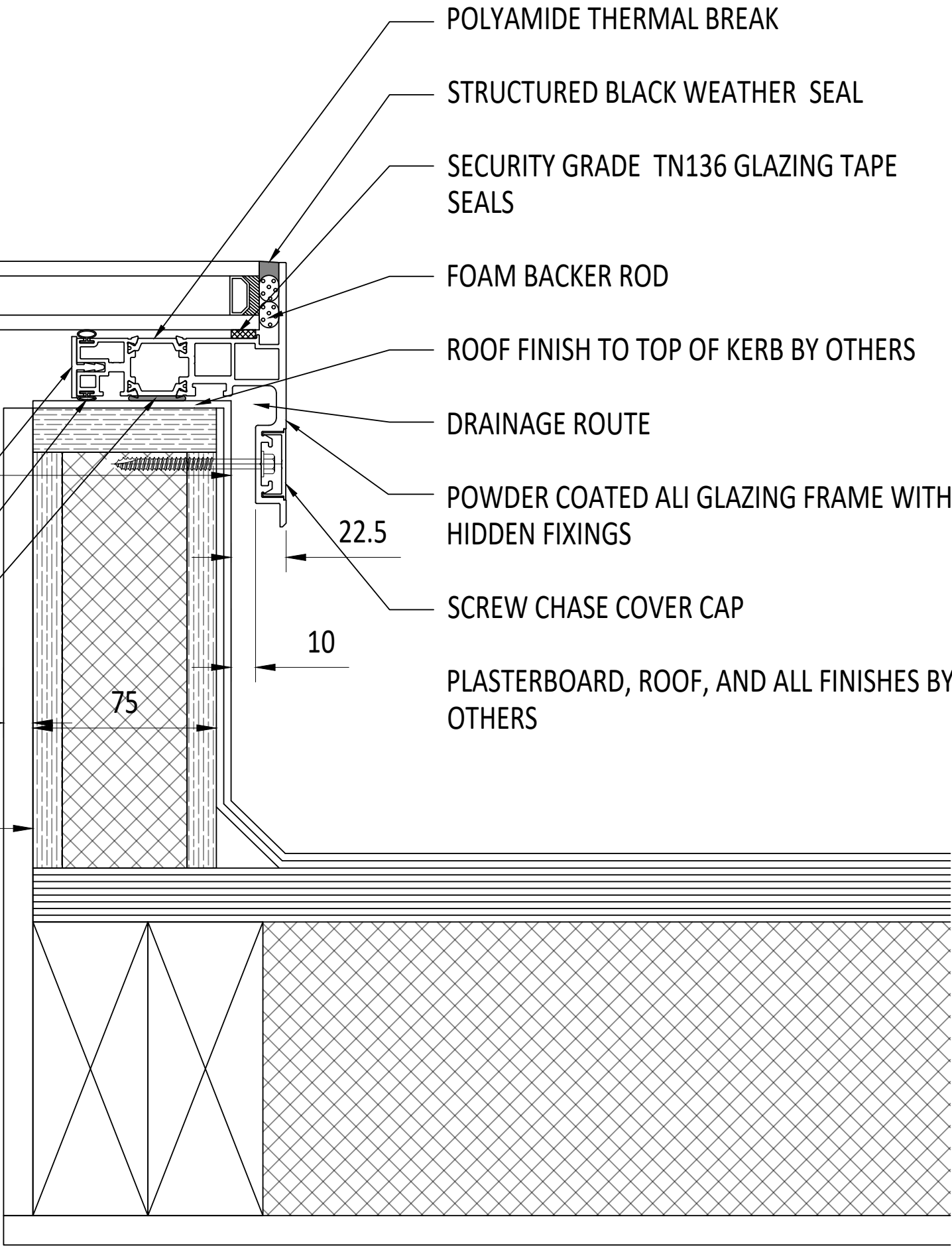
CRITICAL = OVERALL WEATHERED KERB, INCLUDING
ROOF FINISHES THIS IS ROOFLIGHT ORDER SIZE
FOR ORDER SIZE: MEASURE TO OUTSIDE OF KERBS ON PLAN

WHITE/ BLACK uPVC FRAME SHIELD (BLACK STANDARD)

EPDM BUBBLE SEAL

COMPLETE SILICONE WEATHER SEAL DC791 OR SIMILAR

STRUCTURAL OPENING IS ROOFLIGHT ORDER SIZE **ONLY**
IF RGR ARE SUPPLYING THE TIMBER KERB



KERB DETAILS SHOWN INDICATIVE
ONLY. DETAILED DESIGN BY OTHERS

IF IN DOUBT ASK DO NOT SCALE	IT IS THE RESPONSIBILITY OF THE KERB DESIGNER TO ENSURE THE KERB WILL BE STRUCTURALLY ADEQUATE TO HOLD THE ROOFLIGHT. KERBS SHOWN ON THESE DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY.	The manufacturer would advise an installation with a minimum pitch of 5° for rooflight units to minimize water pooling. Whilst the product can be installed flat without detriment to the warranties, the manufacturer cannot be held responsible for any excessive pooling of water to the surface of the rooflight, post installation, if installed without an adequate fall, larger units may require a greater fall. The final decision on amount of fall required must be made by the client and relayed to the installer.	THIS DRAWING MUST NOT BE COPIED OR PASSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT FROM THE MANUFACTURER.	CHECKED	R.P.	TOLERANCE UNLESS OTHERWISE STATED ±5	MATERIAL ALUMINIUM + GLASS							Roofglaze Rooflights Ltd, 11 Howard Road, Eaton Socon, St Neots, Cambs, PE19 8ET Telephone 01480 474797	DRAWING N°. RGR-F-23-100	REV	ROOFLAZE		
				DATE	26-05-2023			DIMENSIONS IN MM	FINISH MARINE GRADE POLYESTER POWDER COAT, OPTIONS: RAL 7016 ANTHRACITE GREY, RAL 9005 BLACK, 30% GLOSS (MATT)										
				DRAWN	D.P.					SCALE 1:2, 1:6 @ A1									
				DATE	26-05-2023														
SKYWAY™								REV	AMENDMENTS	SIGNED	CHECKED	DATE		TITLE: SKYWAY FIXED FLATGLASS	SIZE A 1	Lighting by nature™			